[illegible]

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[illegible]

Environmental Concepts Required for Primary Stage's Pupils and its Availability in the Developed Science Textbooks in Libya

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

2013

المفاهيم البيئية اللازمة لتلاميذ المرحلة الأساسية ومدى توافرها في كتب العلوم المطورة في ليبيا

إعداد

مشرفة محمد محمد محجوب

بكالوريوس في العلوم والتربية تخصص (الفيزياء)، كلية إعداد المعلمين الجفرة ، 2006/2007م.

قدمت هذه الرسالة استكمالاً لمتطلبات الحصول على درجة الماجستير في تخصص مناهج العلوم وأساليب تدريسها، جامعة اليرموك، الأردن.

لجنة المناقشة

الأستاذ الدكتور علي أحمد البركات.. مشرفاً ورئيساً

أستاذ التربية الابتدائية، جامعة اليرموك

الأستاذ الدكتور إبراهيم فيصل رواشدة...عضواً

أستاذ مناهج العلوم وأساليب تدريسها، جامعة اليرموك

الدكتور علي عبدالهادي العمري..عضواً

أستاذ مساعد في مناهج العلوم وأساليب تدريسها، جامعة اليرموك

تاريخ مناقشة الرسالة

2013 /12 /24

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]
28	[illegible]	1
29	[illegible]	2
30	[illegible]	3
32	[illegible]	4
33	[illegible]	5
34	[illegible]	6
36	[illegible]	7

[illegible]

(1997)

﴿ وَلَا تَعۡثَوۡاْ فِي ٱلۡأَرۡضِ مُفۡسِدِينَ ٦٠ ﴾ (60)

(67/2)

[illegible]

[illegible] .(2012 [illegible] 2004 [illegible])

[illegible] (2012) [illegible] 1972 [illegible] 1977 [illegible] .(1990 [illegible])

(United Nations Environment Programme [illegible]

[illegible] (UNEP))

[illegible] 1972 [illegible]

[illegible]

[illegible]

[illegible] 2012 [illegible]

.(2010

[illegible]

[illegible]

[illegible]

[illegible]

.(2008 [illegible]

[illegible]

[illegible]

[illegible] (58 :1995) [illegible] .(1990) [illegible]

[illegible]

[illegible]

[illegible]

[illegible] .(Anderson, LaVarre, Jerrilyn & Pamela,1998) [illegible]

(Richard, Cooke & Julian ,2002) [illegible]

[illegible] (12-10) [illegible]

.(Kneebone, 2004) [illegible]

[illegible] (71 :1987) [illegible]

[illegible]

[illegible] (2012 [illegible] 2004 [illegible] 2003 [illegible] 2009[illegible]) [illegible]

[illegible]:

[illegible] .1

[illegible].

[illegible] .2

[illegible]

[illegible].

[illegible] .3

[illegible]

[illegible].

[illegible]

[illegible] (National Research Council [illegible] (NRC),1996; National Curriculum Council (NCC),1993; American Association for the Advancement of Science (AAAS, 1989).

[illegible] Ý2004 [illegible] Ý1988 [illegible] [illegible] (2012 [illegible]

[illegible] (1999 [illegible] (2004) [illegible] (Ford, 2004 Ý2008 [illegible]

[illegible] (Ford, 2004 Ý2004 Ý2000 [illegible]

(NCCS,2011)

(Simon & Lambert, 2006)

[illegible]

[illegible] (2008) [illegible]

[illegible] (Simon & Lambert, 2006; Brody, 1991) [illegible]

[illegible]

[illegible] .2013/2012

[illegible]

[illegible]

[illegible]

[illegible]

- [illegible] .2013/2012
- [illegible] .2013/2012
- [illegible]

[illegible]

[illegible]

[illegible] .2000 [illegible]

[illegible] (McKeown-Ice &,Dendinger 2000) [illegible]

[illegible]

(Jones, Carter & Rua, [illegible] (2000 [illegible]

ƘƮùǀƤĂ .ǑƒƒƥùƙƲƒ ƩƋƈƤ!ƒ ƧƮ!ƒ ƗƲǀƱ ǇƋ ƗǒƪƒƧƥ ƧĂƺƮ ƩƋƤ! ƗƱơǛƋ ƗƿƈƱƲĂ ÜƗǒƮƤƬ!ƒ

.ƗƲǀƱ!ƒ ǏǀƵ ƈǋƧǒƛƙ Ǒ5 ǉƧĂƱƋ!ƒ ƗǒƑǒƲ!ƒ ƗƱƬǇǕƒ ƗǒǀƵƈ5 ƈǋƥƈƺƋ ƗƞǒƙǇ Ǐ!ƹ ƗƪƒƧƥ!ƒ ǋƑƈƙǇ

ƔùƙƗ Ǒ5 ƗǇƋưƋ!ƒ ƗǒƑǒƲ!ƒ ƊǒǀƗ!ƒ ǇƵ ƧƬƗƙ! (2002) ƧĂƗƶ!ƒ ƗƪƒƧƥ ƘƇƈƞ ÜǇƥƧǕƒ Ǒ5Ă

ƴƙƈƪù!ƒ ƧƮ!ƒ ƗƲǀƱ ƔƈƪƙƗƒ ăƥƋĂ ÜǇƥƧǕƒ Ǒ5 ƊǒǀƶƙƒĂ ƗǒƲƧƙ!ƒ ǉƧƒĂ Ǒ5 ƗǒƪƈƪǕƒ ƗǀơƧƋǀ! ƊĂǀƶ!ƒ

ƩƥƈƪùƒĂ ÜƩƋƈùƤ!ƒĂ ÜƴùƲƒƧ!ƒ :ƧĂƺƮù!ƒ ƊĂùǀƵ ƔƗ ǇƋ ƗƪƒƥƒƗ ƗǒǀƵ ƘǇĂƗƙĂ .ƈǋ! ǑƪƈƪǕƒ

ƳƗǒǇƈƛ!ƒ ƥƲƧƹ ƗǒƧǒƥƋ Ǒ5 ǑƪƈƪǕƒ ƴƙƈƪ!ƒ ƧƮ!ƒ ƗƲǀƱ ǇƋ ƗƲ!ƈƱĂ ƈƲ!ƈƱ (337) ǇƵ ƞùư5 ÜǑƪƈƪǕƒ

ƊǒǀƱƈùƲ ƗƋƒƈƿ ǇƋ ƴƗ ƊƒƥƤƙƪƈƲ ƗƪƒƧƥ!ƒ ƘƈƙƈƲ ƘƶƋƞĂ .ƗǒƑǒƲ!ƒ ƊǒǋƈƺƋǀ! ƊƞƲƈƪƙƗƒ ăƥƋ ǏǀƵ ƧƧƙǀ!

ÜƗǀƲƈƪù!ƒ ƗùǒƑǒƲ!ƒ ƊǒǀƱ!ƒ ƇĂư Ǒ5 ăĂƙơƋ!ƒ ƴǒǀơƙ ƔĂǀƮƊĂ ÜƊĂǀƶ!ƒ ƔƗ Ǒ5 ƈǋǇǒƋưƙ ƔƞƒĂ!ƒ ƗǒƑǒƲ!ƒ

ǇǑƋưùƙ ƔƞƒĂ!ƒ ǇƋ ƝǇǉ Ǐ!ƹ ƗƪƒƧƥ!ƒ ǋƑƈƙǇ ƘǀƮĂƙĂ .ƗƲǀƱ!ƒ ăƥ! ƗǒƑǒƲ!ƒ ƊǒǀƱ!ƒ ƩƈǀƋ ƗƛƈƛƗ!ƒ ǉƥǕƒĂ

ƈƋƗ .ƗƑǒƲ!ƒ ƥƧƒĂƋ! ƥƒƧ!ƒ ƧƈƋƛƙǇǕƒĂ ÜƗƑǒƲ!ƒ ƗǒƈƋơĂ ÜǑƑǒƲ!ƒ ǇƶƒƙƈƲ ƗǀƶƙƋ!ƒ ƗǒƑǒƲ!ƒ ƊǒǀƱ!ƒ ƊĂǀƶ!ƒ ƔƗ

.ƗƋưǇƋ ƧǒƺĂ ƗǒƬƋƈǋ ǉƧĂƮƲ ƔƗƒ!ƒ Ǒ5 ƘǇƋǉư ƗǒƑǒƲ!ƒ ƊǒǀƱ!ƒ ǇƊ

ăƥƋ ǏǀƵ ƧƧƙǀ! (2003) ǏĂƲƲ!ƒĂ ǛĂǋ ĂƲƊ ƗƪƒƧƥ ƘƇƈƞ ÜƗǒƥĂƶƲ!ƒ ƗǒƧƶ!ƒ ƗƗǀƋƋ!ƒ Ǒ5Ă

ƨùǒǀơƙ!Ă ÜƗǀơƧƋ!ƒ ǀǀƙ ƦǒƋǛƙ! ƗƲƈǀƋ!ƒ ƗǒƑǒƲ!ƒ ƊǒǋƈƺƋ!ƒ ǏǀƵ ƗƱƲĂƙƋ!ƒ ƗǀơƧƋǀ! ƊĂǀƶ!ƒ ƔƗ ƇƒĂƙơƒ

.ƗǒƥĂƶƲ!ƒ ƗƱùƲĂƙƋ!ƒ ƗǀơƧƋ!ƒ ǉƦƋƛƙ! ƗƲƇǒƋ!ƒ ƗǒƑǒƲ!ƒ ƊǒǋƈƺƋ!ƒ ƩƇǀ! ǉƥƊ ƧǒĂƱƙ ƊƙƗ ƗƪƒƧƥ!ƒ ƧƥǋƋ

(58) ƴùƮƊ ǇƋùƋ ƗùƪƒƧƥ!ƒ ƗǒǀƵ ƊĂǀƶ!ƒ ƔƗ Ǒ5 ƇǒƑǒƲ ƇƋĂǋƺƋ (41) Ƨ5Ăƙ ƗƪƒƧƥ!ƒ ǋƑƈƙǇ ƘƧǋƯƊĂ

.ƗƱùƲĂƙƋ!ƒ ƗùǀơƧƋ!ƒ Ǒ5 ƗǛƛ!ƒ ƊĂǀƶ!ƒ ƔƗ ăĂƙƲƋ ǏǀƵ (%70.68)ƘƷǀƱ ƗƲƲǋƈƋĂ ÜƇǒƑǒƲ ƇƋĂǋƺƋ

ƗùǀơƧƋ!ƒ ǉƦùƋƛƙ ăƥ! ƈǋƙƋƈǋ ƔĂƷƧƋ!ƒ ƗǒƑǒƲ!ƒ ƊǒǋƈƺƋ!ƒ ǇƋưƙƙ Ɗ! ƊĂǀƶ!ƒ ƔƗ ǇƊ ǋƑƈƙǇ!ƒ ǉƦǇ ƴƥƙĂ

.ƗǒƥĂƶƲ!ƒ Ǒ5 ƗƱƲĂƙƋ!ƒ

[illegible] (2004) [illegible] (73) [illegible]

[illegible] (2004) [illegible]

[illegible] (2004) [illegible]

[illegible] (Ravindranath, 2007) [illegible]

[illegible] (2007) [illegible] (40) [illegible] (298) [illegible]

[illegible] (2009) [illegible] (77) [illegible]

[illegible]

[illegible] (2010) [illegible] (94) [illegible] (943) [illegible] (%87.7) [illegible]

[illegible] (2010) [illegible] (1034) [illegible]

ƘŬǴùǀdž!ƒ ýùöǁơƙ ƘǁdžùT ýùƕ ÜŦöʅƧϸdž!ƒ ǋǸǈǴǉdž!ƒ ǏǁƵ ŦöǶöƕ!ƒ ǆöǸǈǴ5dž!ƒ ŦʅƒƧϸ ƧƮƙǀƙ ǅ!Ă ƘŬǴǀdž!ƒ ýöǁơƙƕ (Stoeherl, 2010) ýƧĂƙʅ ŦʅƒƧϸ ƘdžǴϸ ƧǴƱŰƒ ƒŖǈ Ŏ5Ă ÜƧơƮ!ƒ Ŏ5 ǀƧĂTǉdž!ƒ ǇǴƙöϸöĂʅù!ƒ ǇǴùƙödžĂö!ƒ (SVD, DN) Ǵƙ5öơƮ ǴǌƙƧTǉ Ŏƙ!ƒ ŦǶöƕ!ƒĂ ǭǴǉdž!ƒ ƘƒƧöʓƙ ýǴɳdžƕ Ŧǁǁžƙdž!ƒ ǅǴùƵ Ǉùdž ăƧǷǅ ƧǌTǅ Ŧƙʅ Ǐ!ǫ Ŧ5ǴưŰǴƕ 2009 ǆǴƵ Ǉdž ƧƕdžʅöϸĂ Ƨƕdž5Ăǉ ĭƧǌT ýŭǷ ǴöǉĂƧƙŦ!ǫ Ă (ŎǷǴùǉdž!ƒ Ƨöʓƙ!ƒ) :ù! ŦʅöǶƧ!ƒ ǆöǸǈǴ5dž!ƒ ǇƵ Ŧơƕǁ! ŦöƙĂƕŦǉž!ƒ ŦŧƕT!ƒ ƧƕƵ ǁ!Ʀ ýöǁơƙ ǅƙĂ .2007 ǭϸùɳ ǇöùdžƙǌdžƒĂǉǴùŧ ǇöϸöĂʅ!ƒ Ǉdž (%67) ùƕ Ƨϸǀƙ Ŧƕʅǉ ϸĂɳĂ ŦʅƒƧϸ!ƒ Ƙ5TŧĂ .(ŦǶöƕ!ƒ ǅǁƵ) ýǶǴùʅĂĂ Ɣö!Ǵùʅǅ ýŭùǷ Ǉùdž ǴǌǁơǇŧdžö ŦöǷǴǉdž ƘǴdžƨǅ ǴǈƧǴƕƙƵǴƕ ÜŦöǷǴǉdž!ƒ ƘƒƧöʓƙ!ƒ ƳĂưĂdžƕ .ŦöϸǴƮƙƥƒ Ăǅ Ŧöʅǵöʅ Ƨöƕƒϸƙ ŖǴǷƙƒ ϸƧɳdžƕ Ăǅ ÜǀǴöơ!ƒ ƔĂǁʅǅ Ŏ5 Ƨöʓƙ ƾöƧƱ ǇƵ Ʃö!Ă ÜǴöɳĂ!Ăǉŧƙ!ƒ

Ɣùƙŧ Ŏù5 Ŧǉdžưdž!ƒ ŦöǶöƕ!ƒ ŦöƕƧƙ!ƒ ǆöǸǈǴ5dž ǇƵ ƧTŧ!ƒ Ǐ!ǫ (2011)ŎǷʅ!ƒ ŦʅƒƧϸ Ƙ5ϸǈĂ Ɣùƙŧ ƴùödžɳ Ǉùdž ŦʅƒƧϸ!ƒ ŦǉöƵ Ƙ5!ǁƙ Ŧöơ ÜǇöƧơƕ!ƒ Ŧŧǁdždžƕ ŦöƒƒϸƙƕŬƒ Ŧǁơƨdžǁ! Ŧödžŭʅǘƒ ŦöƕƧƙ!ƒ ÜƔùƙŧ!ƒ ǉŖùǈ ǏǁƵ ăĂƙơdž!ƒ ýöǁơƙ ƾƕƱĂ ÜƔƙŧ Ŧƙʅ ǴǈϸϸƵĂ ÜŦöƒƒϸƙƕŬƒ Ŧǁơƨdžǁ! Ŧödžŭʅǘƒ ŦöƕƧƙ!ƒ Ɣƙŧ Ŏ5 ǁƧϸƙ ŦöǶöƕ!ƒ ŦöƕƧƙ!ƒ ǆöǸǈǴ5džƕ ŦdžǶǴϸ ƟƒƧƙƥƒ ÜǴǌdžǈǅ ǇǴŧ ǋǶǴƙǉ ŦƵĂdžɳdž Ǐ!ǫ ŦʅƒƧϸ!ƒ ƘƮǁǷĂ ŦùöǶöƕ!ƒ Ŧùöƕƙ!ƒ ǆöǸǈǴ5dž ǴǌĂ5 ƘϸƧĂ Ŏƙ!ƒ ƘƒƧǀ5!ƒ ƳĂdžɳdž ƩǁƕĂ .ŦöƒƒϸƙƕŬƒ Ŧǁơƨdžǁ! Ŧödžŭʅǘƒ ŦöƕƧƙ!ƒ ŖǫÝŦùöǶöƕ!ƒ ƘǴùöϸŭǷǕƒ ýǴùɳdžƕ ýƮƙƙ ǆöǸǈǴ5dž!ƒ ǉŖǈ ǅǛžǅĂ .(% 43.15) Ŧƕʅǉƕ Ăǀƨǀ5 (445) ǉŖùǈ Ŏù5 Ŧǉdžưùƙdž!ƒ ŦöǶöƕ!ƒ ŦöƕƧƙ!ƒ ǆöǸǈǴ5dž ǅǛžǅĂ .(% 20.34) Ŧƕʅǉƕ Ăǀƨǀ5 (192) Ŏ5 ƘϸƧĂ Ŏùƙ!ƒ Ɣƙŧ!ƒ ƧƛŧǅĂ .(%81.8) Ŧƕʅǉƕ ǕǴdžĂǌ5dž (364) ǴǈϸϸƵĂ ÜƘƒƧǀ5!ƒ ăĂƙơdž Ŏ5 ƘϸƧĂ Ɣƙŧ!ƒ ƔǴùƙŧ Ăǈ ǴǌǁϸǅĂ ÜǆöǸǈǴ5dž (106) ŎǶƒϸƙƕŬƒ ƴƕƒƧ!ƒ ƧƮ!ƒ ƔǴƙŧ Ăǈ ŦöǶöƕ!ƒ ŦöƕƧƙ!ƒ ǆöǸǈǴ5dž ǴǌĂ5 ƘϸƧĂ ŦùöƕƧƙ!ƒ ǋǈǴùǉdž ŎžưƒĂ ǏǁƵ ϸöŧǁƙ!Ǵƕ ŦʅƒƧϸ!ƒ ƘƮĂǅĂ .Ʊǀ5 ǕdžĂǌ5dž (43) ŎǶƒϸƙƕŬƒ ýĂǕƒ ƧƮ!ƒ ǇöƕǇƨƒĂƙdžĂ ǅǛǉdž ýŧTƕ Ŧödžŭʅǘƒ ŦöƕƧƙ!ƒ Ɣƙŧ ăĂƙơdž Ŏ5 ŦöǶöƕ!ƒ ŦöƕƧƙ!ƒ ǆöǸǈǴ5dž ƯƧƵ Ŧödžŭʅǘƒ .ŦʅöǶƧ!ƒ ǴǌƙŬǴɳdž

[illegible] (2011) [illegible]

[illegible]

.([illegible]) : [illegible]

[illegible]

[illegible] .([illegible]) [illegible]

.[illegible]

[illegible]

[illegible]

.[illegible]

[illegible] (2012) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

.[illegible]

:[illegible]

[illegible] 2002[illegible] 2003 [illegible] .1

[illegible] (Ravindranadh, 2007[illegible]2004[illegible]

.[illegible]

ȠNǇǴùǈǆž!ƒ Ŏù5 ǂǈǆž ư ƙǆž!ƒ ǂŏǋǑǚ!ƒ ǂŏǚƧƙ!ƒ ǅžŏNǇǴƽǆž ǇƵ ƻT ǂ!ƒ Ǐ!ǫ ǂǀǚǴƪ!ƒ ƘǴƪƒƧþ!ƒ ǅžƲƶǆž Ƙ5þNj .2

.(ƍ!ƒ... 2012 ÜǐƧǆžƪǕƒ Ý2010ÜǇƪơǍ ŎƤƪ!ƒ Ý2011 ÜŎƤƪ!ƒ Ý2011ÜƨǍǈƵǍ ƔǴƪǂ)

ýùǆžƶ!Ǵǚ ǴùNjƧŏƩ ǇƵ ƨŏǆžƙƙ ǂŏ!Ǵơ!ƒ ǂƪƒƧþ!Ǵ5 ÜǂǀǚǴƪ!ƒ ƘǴƪƒƧþ!ƒ ƴǆž ǂŏ!Ǵơ!ƒ ǂƪƒƧþ!ƒ ǂǈƧǴǀǆžǚǍ

Ǐù!ƵƘù ư ƧƵ ÜǂǈǴǚƙƪƒ Ŏ5 ƘǈǆžǸư ÜǂŏǑǚ ǅžŏNjǴƽǆž ǂǆžǑǴƿ þƒþƵǫ ýǖƤ ǇǆžǂơǚƒǂǀǂTǆž ƾŏǆžƶƙ Ǐ!Ƶ

ÜƴùǚƒƧ!ƒ ƻ Ʈ!ƒ Ʀŏǆžǖƙ! ǅžǍ!ƶ!ƒ Ɣƙǂ Ŏ5 ǴnjǇǆžŏǆž ư ƙ ǂŏǆžNjǅ ýǍơ ǅžnjƙƒƧǍƮƙ ǂ5ƧƶǆžǀÝǅžǍ!ƶ!ƒ ƪþǴǆž ŎǆžǂƶǆžƉ

ǂù!ơƧǆž!! ǂŏǚŏƧƞƙ ǂƤƪǈǂ ǀƧǍƱǆž!ƒ Ɣƙǂ!ƒ ǁ!ƙ Ŏ5 ǴNjƧ5ƒǍƙ ǎþǆž ǇƵ ƻT ǂ!ƒ ǅžǍ ÜƩþǴƪ!ƒǍ ÜƩǆžǴƤ!ƒǍ

.ŎƱƒƧǀǆžŏþ!ƒ þnjƶ!ƒ Ǐ!ǫ ǐƧǍƙǴǂþ!ƒ þnjƶ!ƒ ǇǆžǴǚŏ! ƧƧơƙ ýƲ Ŏ5 ǂŏƪǴƪǕƒ

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (309) [illegible]

.2013/2012 [illegible]

.2012 [illegible]

[illegible]

[illegible] (186) [illegible]

[illegible] .2013/2012 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] .(NCC, 1993) [illegible]

[illegible]

[illegible]

[illegible]

(Lee& William, 2000 [illegible] 2008 [illegible] 2012 [illegible]) [illegible]

.2006

[illegible] (60) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (14) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

.(1 [illegible]) [illegible]

[illegible]

(81) [illegible] (2 [illegible]

[illegible]

(30) [illegible] (test-retest) [illegible] .(0.89) [illegible] .(0.92) [illegible]

[illegible]

[illegible] (Cooper,) [illegible] .1981

[illegible] (217) [illegible] (247) [illegible] (148) [illegible] .(612) [illegible]

lƧùdž Łù٦ƒƧƥ!ƒ ŁùǁjöƵ DžĂǁz!ƒ Ɣkǂ ýöǁơk lƥǴƵǫ Džk Üýöǁơk!ƒ ƘǴhƛ ŁöǁdžƵ LJdž ƥǂǞk!ƒ ƯƒƧƹǕĂ

Öùk!ƒ ƘƒƇƒƧùŋǗƒ ƟǴưöǫ Džk LJD ƥƶh ǁ!ƦĂ ÜDžĂǁz!ƒ ǊNjǴǁjdž Ö5 ƒ ƬƤkdž ƧƤƈ ýǁơdž ýhp LJdž ăƧƤD

Ü(Cooper,1981) ƘǴùhƛ!ƒ ƔǴ٦ùơ! ƧhĂùǂ Ł!ƥǴƶdž ƽöhƱk Džk ǁ!Ʀ ƇĂư Ö5Ă .ǴnjdžƥƤk٦ö LJD Ɣŋö

ƘƒƧùdž ƥƥùƵ+ƽǴùƽkǓƒ ƘƒƧdž ƥƥƵ/ǴnjöǁƵ ƽƽkdž!ƒ ƘƒƧdž!ƒ ƥƥƵ) = ƘǴhƛ!ƒ ýdžǴƶdž :ǏǁƵ ƒ ǁjk Ök!ƒĂ

ăĂùkơdž!ƒ ýùöǁơk ƘǴùhƛ ýùdžǴƶdž ƩǁǕh ƥl5 ÜǁjǕƵD Ł!ƥǴƶdž!ƒ ƽöhƱk ƇĂư Ö5Ă .(100 X 2ǖkƤǓƒ

ÜŁdžöǁù٦ ŁùlöƨƱh Ƙdžk ăĂkơdž!ƒ ýöǁơk ŁöǁdžƵ LJD ƪƧƬƋdž ÖƱƶkĂ ÜŁ!ĂhIdž Łdžöl!ƒ ǁjƦNj ƥƶkĂ Ü(%94)

.ŁölƱǁjdžĂ

hudžƑǴŁƨǗɛ ƼĭǴƯŁ lɛƃɛƥɯƋ

ƽöhƱk ƘƒƇƒƧŋǫ Ʀö5ǁjkh ŁƛơǴh!ƒ ƘƵƧƬ ÜǴnjkǴhƛĂ ÜǴnjpƥƬ LJdž ƥǂǞk!ƒ DžkĂ ÜŁǁjǴhk٦Ǔƒ ƘƨŋǁjǖD LJD ƥƶh

:ÖkǓƒ Ăơǁj!ƒ ǏǁƵ Ł٦ƒƧƥ!ƒ ÖkƒƥD

ǴöhöǁÖ5 lƧƽŋ!ƒ ŁlƱǁjdžh DžöǁƶkǁƒĂ ŁöhƧk!ƒ lƧƒƥǫ Ö!ǫ ǁĂdžƧö!ƒ ŁƶdžǴŋh ŁöhƧk!ƒ Łöǁǂ LJdž ƔǴƱƤ NöŋĂk .1

.(3ƽơǁdž!ƒ ƧƱǁjƒ) ŁƛơǴh!ƒ ŁdžnjdžýönjǴk!

Džöùǁƶkǁ! lƧùƽŋ!ƒ DžöùǁƶkĂ ŁöhƧk ƔkǴǂdž Ǐ!ǫ ƔǴƱƤ NöŋĂkh lƧƽŋ!ƒ Ö5 DžöǁƶkǁƒĂ ŁöhƧk!ƒ lƧƒƥǫ ƘdžǴp .2

.(4 ƽơǁdž!ƒ ƧƱǁjƒ) Ö٦Ǵ٦Ǖƒ

LJǴùöhĂ ÜŁù٦ƒƧƥ!ƒ lƒƥD ƘǴùdžöǁƶkh DžnjƽöƧƶk ƯƧʒh Ł٦ƒƧƥ!ƒ ŁǁjöƵ ƩƧƒƥdž!ƒ lƧǴöƨh ŁƛơǴh!ƒ ƘdžǴp .3

Öùk!ƒ ƘǴǁjǴöh!ƒ LJǴh LJöǁdžǁƶdž!ƒ ƘǁjƑdžƱ Ǵdžǂ .ǴnjǁjdžlĂŋƧdž!ƒ lƥƑǴƽ!ƒĂ ÜǴnjködžNjD LJǴöhĂ ÜŁ٦ƒƧƥ!ƒ lƒƥD 2ƒƥNjD

ýǖùƤ LJùdž ŁhǴŋk٦ǓƒŁùlöƨƱ Džnj! ƘơưĂDĂ ÜÖdžǁz!ƒ Łơh!ƒ ƯƧʒ! Ǔǫ DžƥƤk٦k LJ! Ǵnjh LJĂ!ƥö٦

.ŁǁjǴhk٦ƒ (186) ýöƨĂk Džk Ö!Ǵk!ǴhĂ ÜŁ٦ƒƧƥ!ƒ lƒƥD Ö5 Łǁjdžưdž!ƒ ƘǴdžöǁƶk!ƒ

NJkh٦ùǁjǴùdž ĭD ÝŁǁjǴhk٦ƒ (150) ƘƥƧk٦ƒ Łùöơ ÜǴùnjƶöƨĂk LJdž ƧnjƬ ýǖƤ ƘǴǁjǴöh!ƒ Ƙƶdžŋ .4

.(%80.64)

.ƔĂ٦Ǵơ!ƒ lƧǂƒƦ Ǐ!ǫ ƘǴǁjǴöh!ƒ ýǴƤƥǫ Džk .5

ħŭĭəƑ ƬƟŰɛ ǀ ƑƜǁƑyƊǁɛ

ƘþƧĂ lƧl5 ý‡! ŧŏĂƑdž!ƒ ŧdžǖƶ!ƒĂ ÜŧŏƧƓŏƶdž!ƒ ƘƓ5ƒƧơǉŰƒĂ ÜŧŏħƓƪơ!ƒ ƘƓƱƪĂƙdž!ƒ ƜƒƧƤƙƪƒ Ɗǩƙ

Ʀŏdžǖƙ! ŧdžƨǖ!ƒ ŧŏƑŏħ!ƒ ƊŏǋƓɜdž!ƒ ŧŏdžǋƊ ŧƞƧþ! ŧƪƒƧþ!ƒ ŧǉŏƵ þƒƧ5ƊƘƒƧŏþlƙ Ĭǁ Ƶ ƻ Ƨƶƙǁ! ŧǉƓħƙƪŬƒ Ŏ5

ƊĂùǁƶ!ƒ Ɣùƙ‡ Ŏ5 ŧŏƑŏħ!ƒ ƊŏǋƓɜdž!ƒ Ƨ5ƒĂƙ! ŧŏĂƑdž!ƒ Ɣƪǉ!ƒĂ ÜƘƒƧƒƧ‡ƙ!ƒ Ƙħƪƅ Ɠdž‡ .ŧŏƪƓƪǕƒ ŧǁơƧdž!ƒ

.Ɠŏħŏ! Ŏ5 lƧĂƱdž!ƒ

ÜŧŏƑŏħ!ƒ ƊŏǋƓɜdž!ƒ ŧŏdžǋƊ ƧŏþlƙŧƞƧþ ǇƓŏħ! ƜƧþƙ!ƒ ŎƪƓdžƤ ƳĂǉ ǇdžƇƞ ƊþƤƙƪdž!ƒ ƩƓŏldž!ƒ ǇƓ‡Ă

(1,00) ǇùdžŧŏħƓƪơ!ƒ ƘƓƱƪĂƙdž!ƒ :ŧƪƒƧþ!ƒ ŧǉŏƵ þƒƧ5Ɗ ƘƒƧŏþlƙ þŏþơƙ! ŎƙŬƒ ƜƧþƙ!ƒ þƓdžƙƵƒ Ɗǩƙ þl5

ǇùdžýùpƊ Ĭ!ǫ (2,33) Ǉdž ŧŏħƓƪơ!ƒ ƘƓƱƪĂƙdž!ƒĂ ÜŧǁŏǁpŧŏdžǋƊ ŧƞƧþ Ĭ!ǫ ƧŏƬŏ Ý(2,33) Ǉdž ýpƊ Ĳ

ƧŏƬùŏ Ý(5,00) Ĭ!ǫ (3,66) Ǉdž ŧŏħƓƪơ!ƒ ƘƓƱƪĂƙdž!ƒĂ ÜŧƱƪĂƙdž ŧŏdžǋƊ ŧƞƧþ Ĭ!ǫ ƧŏƬŏ Ý(3,66)

.lƧŏħ‡ ŧŏdžǋƊ ŧƞƧþ Ĭ!ǫ

الفصل الرابع

[illegible]

[illegible]

[illegible] : (1) [illegible]

الجدول (1)

المتوسطات الحسابية والانحرافات المعيارية لاستجابات أفراد العينة على أداة الدراسة

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.58016	4.1733	[illegible]
[illegible]	.63965	4.1662	[illegible]
[illegible]	.61814	4.1567	[illegible]
[illegible]	.65912	4.0907	[illegible]
[illegible]	.65247	4.0681	[illegible]
[illegible]	.56298	4.1314	[illegible]

[illegible] (4.13) [illegible] (0.56) [illegible] (4.17-4.06) [illegible] (4.17) [illegible] (0.58) [illegible]

Ǒù5 Ǵùdžǫ Ü(0.63) ĭƨĜözdž ƧƒƨơǉƒĂ Ü(4.16) ǑŵĜƪơ ƠƪĂƙdžŵ ĿƑöŵ!ƒ ĿöĜdžơ ýĜŋdž ĿöǉĜƛ!ƒ ĭƨĜözdž ƧƒƨơǉƒĂ Ü(4.15) ǑŵĜƪơ ƠƪĂƙdžŵ ĿöƑöŵ!ƒ ƘŭǂƬdž!ƒ ýĜŋdž ČĜŋ ƥl5 ĿƛǃĜƛ!ƒ Ŀŵƙƨdž!ƒ Ơƪ Ăƙdžŵ ĜŋjƙödžǋjĐĂ Ü f ƑĜƬƤĂ ÜĜŋjdžĂŋjƾdž ĿƑöŵ!ƒ ýĜŋdž lƧöƤǕƒ ýŵƥ Ŀŵƙƨdž!ƒ Ǒ5 ČĜŋĂ .(0.61) ǑŵĜƪơ Ü(4.09) ƧƒƨơǉƒĂ ĭƨĜözdž (0.65). ĜdžĐ Ŀŵƪǉ!Ĝŵ Ŀŵƙƨdž!! lƧöƤǕƒ ƥl5 ČĜùŋ ýĜùŋdž ƘĜǉĂǂdž ĿƑöŵ!ƒ ƠƪĂƙdžŵ ǑŵĜƪơ (4.06)Ü ƧƒƨơǉƒĂ ĭƨĜözdž (0.65).

ƘĜ5ƒƨơǉǛƒĂ ĿöŵĜƪơ!ƒ ƘĜƠƪĂƙdž!ƒ ƜƒƨƤƙƪĜŵ ĿƛơĜŵ!ƒ Ƨƙǂƙ Ďž! ÜĎžƥlƙ Ĝdždž ĎžƩƧ!ƒ ĬǃƵĂ lƒƥĐ ƘƒƨùƖ5 ǇùdžǊƨƖ5 ýǂ! ĜŋjŋƒƨƤƙƪĜŵ ƘdžĜƥ ýŵ Üýǂǂ ĿƪƒƨƥƩƒ ĿǉĜŵƙƪƒ ƘǛĜŋdž! ĿöƨĜözdž!ƒ :ǑƙǛƒ ĂơǉƒⅠ ĬǃƵ ǁ!Ʀ ƯƧƵ ǇǂdžöĂ ÜĿƪƒƨƥ!ƒ

ƑNJĿĭĎžǉjcNj ÛƑNJƬəƑƬƢNj ÛƑNJĎžNjNJƻdž :ŵəĭĜǁɛ :üNjǛɛ üƑƜĎžǁɛ

ÜĿöŵĜƪơ!ƒ ƘĜƠƪĂƙdž!ƒ ǇĴöŵö (2) ýĂƥŋ!ƒĂ ÜĽöƑöŵ ĹdžĂŋjƾdž (17) ĬǃƵ ýĜŋdž!ƒ ƒƦNj ýdžƙƬö ƘĜ5ƒƨơǉǛƒĂ ĿöƨĜözdž!ƒ ýǂ! ĎžĂŋjƾdž ĬǃƵ lƥơ.

الجدول (2)

المتوسطات الحسابية والانحرافات المعيارية لمجال (البيئة مفهومها، وخصائصها، وأهميتها) مرتبة ترتيباً تنازلياً

الرقم	المجال	المتوسط الحسابي	الانحراف المعياري	ƥĭǫşĿ ƩƬNj ŵĭĎžǉjǗɛ
1	هرم الطاقة	4.37	.839	كبيرة
2	المحللات	4.30	.841	كبيرة
3	الشبكة الغذائية	4.24	.833	كبيرة
4	المستهلكات	4.20	.811	كبيرة
5	السلسلة الغذائية	4.19	.893	كبيرة
6	المنتجات	4.17	.801	كبيرة
7a	قوانين البيئة	4.16	.920	كبيرة
7b	هرم الغذاء	4.16	.852	كبيرة
8	المحيط المصنوع	4.13	.892	كبيرة
9a	هرم الأعداد	4.11	.863	كبيرة
9b	التأثيرات البيئية	4.11	.832	كبيرة
9c	التوازن البيئي	4.11	.848	كبيرة
10a	تفاعل الإنسان مع البيئة	4.03	.862	كبيرة
10b	المحيط الحيوي	4.03	.870	كبيرة
11	الموارد البيئية	3.99	.875	كبيرة
12a	العلاقة بين الكائنات الحية	3.81	.889	كبيرة
12b	النظام البيئي	3.81	.833	كبيرة

[illegible] (4.37-3.81) [illegible] (4.37) [illegible] (0.83) [illegible] (4.3) [illegible] (0.84) [illegible] (4.24) [illegible] (0.833). [illegible] (3.81) [illegible] (3.81).

[illegible]:

[illegible] (14) [illegible] (3) [illegible]

الجدول (3)

المتوسطات الحسابية والانحرافات المعيارية لمجال مكونات البيئة مرتبة ترتيباً تنازلياً

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.858	4.27	[illegible]	1
[illegible]	.844	4.16	[illegible]	2
[illegible]	.841	4.15	[illegible]	3a
[illegible]	.873	4.15	[illegible]	3b
[illegible]	.859	4.14	[illegible]	4a
[illegible]	.859	4.14	[illegible]	4b
[illegible]	.895	4.13	[illegible]	5
[illegible]	.863	4.11	[illegible]	6
[illegible]	.901	4.02	[illegible]	7
[illegible]	.831	4.01	[illegible]	8
[illegible]	.830	3.95	[illegible]	9a
[illegible]	.911	3.95	[illegible]	9b
[illegible]	.907	3.91	[illegible]	10
[illegible]	.893	3.85	[illegible]	11

[illegible]

[illegible] (4.27-3.85)

Ü(4.27) ǑƕƓƪùơ ƠùƪĂƙdž ǏùǈƵ ƘǈƮơ ƗǒƠ Ǐ!ĂǕƒ ƗƕƙƧdž!Ɠƕ (ǇþƓƶdž!ƒ ÜǄơƼ!ƒ ÜǑƶǒƕƱ!ƒ

Ǒùưƒ ƧǕƒ ýƓdžƶƙƪƒ) ǉþǒTdž!ƒ ƗƑǒƕ!ƒ ƗǒǉƓƛ!ƒ ƗƕƙƧdž!ƒ Ǒ5 ƇƓƞĂ .(0.858) ǐƧƓǒƶdž ƻƒƧơǉƒĂ

Ü(4.16) ƺùǈƕ ǑƕƓƪơ ƠƪĂƙdž ǏǈƵ ƘǈƮơ ƗǒƠ (ƘƒĂƧƛ!ƒ ǇƵ Ɣǒǀǉƙ!ƒ ÜƗǒǉƚƪ!ƒ ƽƠƓǉdž!ƒ

þƧƒĂùdž!ƒ ǇùƂ ýƚ ƇƓƞ þǀ5 ƗƶƕƒƧ!ƒĂ ÜƗƛ!ƓƛĂ!ƒ ƗƕƙƧdž!ƒ Ǒ5 ƓdžǄ Ü(0.844) ǐƧƓǒƶdž ƻƒƧơǉƒĂ

ÜǇǑƙƧùǒPǕƒ ǇǑƙƕƙƧdž!ƒ Ǒ5 ƓdžǄ .(4.15) þơƒĂ ǑƕƓƪơ ƠƪĂƙdžƕ ǑƵƓdžƙƞǕƒ ǄǒƱǉƙ!ƒĂ ÜǉþþƞƙdžƂ!ƒ

ƻƒƧơǉƒĂ Ü(3.91) ǑƕƓƪơ ƠƪĂƙdžƕ (ƗƕƧƙ!ƒ ÜƇƓdž!ƒ ÜƇƒĂǌ!ƒ) ƗǒƶǒƕƱ!ƒ ƗƑǒƕ!ƒ ǄǒǊƓƼdž ƘƇƞ þǀ5

ǐƧƓùǒƶdž ƻƒƧùơǉƒĂ Ü(3.85) ǑƕƓƪùơ ƠùƪĂƙdžƕ ƇƓdž!ƒ ǉƧĂþ ǄĂǌƼdžĂ Ü(0.907) ǐƧƓǒƶdž

.(0.89)

ƙŊǘƳŶƛȱ ǷŶǞŶǓŞŶƛȱ :ƙƦƛƛȱ ǍƒƌƥŞƛȱ

ŀōǻƺƫơ!ƒ ƘǴƱƫǍǩǳ!ƒ ǇǰǻǬ (4) ýǍƥƞ!ƒǍ ǗǶōƑōǘ ƺǳǍǌǯǳ (20) ǏǋƵ ýǴƞǳ!ƒ ƒǋǋ ǇǍŀǩō

.lƥơ ǏǋƵ ǋǍǌǯǳ ý‡! ŀōƧǴōƶǳ!ƒ ƘǴǗƒƧơǉǗƒǍ

جدول (4)

المتوسطات الحسابية والانحرافات المعيارية لمجال المشكلات البيئية مرتبة ترتيباً تنازلياً

الرقم	المجال	المتوسط الحسابي	الانحراف المعياري	ƥǐǫŧ ƐǋǋƝ ƙŊǞǉǗƐ
1	التلوث الفيزيائي (الضوضاء، التلويث الحراري، الإشعاعات بأنواعها)	4.48	.792	كبيرة
2	التلوث الكيميائي (المبيدات بأنواعها، الغازات المتصاعدة من إحراق السيارات والمصانع)	4.35	.811	كبيرة
3a	الاستنزاف البيئي	4.31	.804	كبيرة
3b	التلوث المستحدث (التفجيرات النووية، ووسائل المواصلات، النفايات)	4.31	.778	كبيرة
3c	المشكلات الناتجة عن الثورة العلمية والتكنولوجية(تلوث البيئة، استنزاف مواردها)	4.31	.843	كبيرة
4	الانفجار السكاني	4.29	.846	كبيرة
5	التلوث البيولوجي (حبوب اللقاح، الفيروسات التي تنتشر في الجو، البكتيريا التي تنتشر في الماء والهواء)	4.27	.808	كبيرة
6	الإخلال البيئي	4.22	.810	كبيرة
7	فقدان التنوع الحيوي	4.20	.827	كبيرة
8	الإخلال بالتوازن البيئي	4.19	.872	كبيرة
9a	نقص الموارد	4.17	.841	كبيرة
9b	المشاكل السكانية	4.17	.855	كبيرة
10	التلوث الطبيعي) كالغازات والتربة التي تقد فيها البراكين	4.16	.795	كبيرة
11	المعتقدات البيئية الخاطئة	4.14	.859	كبيرة
12	الاستهلاك غير المنتظم (الماء، الطاقة، الغذاء)	3.98	.823	كبيرة
13	التصحر	3.97	.827	كبيرة
13a	مصادر التلوث البشري	3.92	.901	كبيرة
13b	التلوث الغذائي	3.92	.879	كبيرة
14	التلوث البيئي	3.91	.859	كبيرة
15	التلوث	3.86	.905	كبيرة

-3.86) ƘùơǍƒƧƙ ǗŀùōƑōǘ!ƒ ƘǘŧƬǳ!ƒ ýǴƞǳ! ƘǴƱƫǍǩǳ!ƒ ǇǰǻǬ ǋǘƵǋ ýǍƥƞ!ƒ ƧǌǗō

ǑƑǴùōƨōǯ!ƒ ŀǍùǋǋ!ƒ ǋōǋǴùǯǳ ƘǴǴƞ ŀōơ Ǘ"ƚƧōǘŧ" ƧōƥƙƘ ŀƞƧƥ ǇǳǍư ƴƙƘ ǴǌƶōǳƞǍ Ǘ(4.48

ǏùǋƵ ƘǋƮùơ Ǐù!ǍǕƒ ŀǘƘƧǳ!ƒ ǑǗ (ǴǌƶƒǍƙǋǘ ƘǴƶǴƶƬǕƒ ǗǏƧƒƧơ!ƒ ŀōǍǋǋ!ƒ ǗƇǴưǍư!ƒ)

) [illegible] (0.79) [illegible] (4.48) [illegible]

[illegible]

[illegible] (4.35) [illegible]

[illegible] (4.31) [illegible]

[illegible] (0.859) [illegible] (3.91) [illegible]

(0.905) [illegible] (3.86) [illegible].

[illegible]

[illegible] (5) [illegible] (14) [illegible]

[illegible].

الجدول (5)

المتوسطات الحسابية والانحرافات المعيارية لمجال حماية البيئة مرتبة ترتيباً تنازلياً

[illegible]	الانحراف المعياري	المتوسط الحسابي	المجال	الرقم
[illegible]	.803	4.35	[illegible]	1
[illegible]	.815	4.33	[illegible]	2
[illegible]	.828	4.31	[illegible]	3
[illegible]	.835	4.25	[illegible]	4
[illegible]	.839	4.19	[illegible]	5
[illegible]	.836	4.18	[illegible]	6a
[illegible]	.812	4.18	[illegible]	6b
[illegible]	.795	4.18	[illegible]	6c
[illegible]	.817	4.17	[illegible]	7
[illegible]	.857	4.13	[illegible]	8
[illegible]	.840	4.11	[illegible]	9
[illegible]	.822	4.05	[illegible]	10
[illegible]	.877	3.95	[illegible]	11a
[illegible]	.865	3.95	[illegible]	11b

LJöùƕ Ǵùď ƘùơĂƒƧƘ ÜƗùƑöƕ!ƒ ýǴɳď ĎöŅǰǴƨď! ƗöƕǴʅơ!ƒ ƘǴƱʅĂƙď!ƒ LJĐ ƽƕǴʅ!ƒ ýĂþɳ!ƒ ƧŋjŰö

ƇǴùɳ Ɨőơ Ü"ɭƧöƕǂ" ƧőþɭƘ ƗɳƧþ LJďƨư ƘƵɚĂƘ ƘƒƧɭɜ!ƒ ýőďɳ LJĐ Ďöɭ!ƒ ljŖŊ ýþƘĂ .(4.35-3.95)

ĭƧǴùőƶď ƻƒƧùơljƒĂ Ü(4.35) ŎƕǴʅùơ ƱʅĂƙďƕ ƗǚőþƕǃƗpǴƱ!ƒ ĎƒþƤƙʅƒ ĎöŅǰǴƨď Ĭ!ĂŰƒ ƗƕƙƧď!ƒ Ŏ5

ĭƧǴőƶď ƻƒƧơljƒĂ Ü(4.33) ŎƕǴʅơ ƱʅĂƙďƕ ƗöljǴĂ!ƒ ƗƕƙƧď!ƒ Ŏ5 ƗőƑöƕ!ƒ ƘǴƶőƧƬƙ!ƒ ƘƇǴɳĂ Ü(0.80)

Ü(2.31) ŎƕǴʅùơ ƱʅĂƙďƕ ŎɳĂ!Ăöƕ!ƒ ƳĂljƙ!ƒ ĬǚƵ ƗƱ5ǴơďƒƗĂ!ǴĂ!ƒ ƗƕƙƧď!ƒ Ŏ5 ǁ!Ŗ ǔƙĂ Ü(0.815)

ŎƕǴʅùơ ƱʅĂƙďƕ ɭƧőƤŰƒ ýƕƿ ƗƕƙƧď!ƒ Ɨďőþƙʅď!ƒ ƗöďljƙƵ!ƒ ĎĂŋɟƨď ýɳʅĂ .(0.815) ĭƧǴőƶď ƻƒƧơljƒĂ

ɭƧùőƤŰƒ ƗùƕƙƧď!ƒ Ŏù5 ƗĂǚƙ!ƒ ƗơƼǴǂďĂ ÜŎƑöƕ!ƒ ŎƵĂ!ƒĂ ƻőɭƙ!ƒ LJď ýǂ ĎĂŋɟƨď ƇǴɳĂ Ü(2.05) ƸƕǚƕƘ

.(0.865) ĭƧǴőƶď ƻƒƧơljƒĂ Ü(3.95) ŎƕǴʅơ ƱʅĂƙďƕ

ƕĭǝĭǴƚɛ ƕĭǴþƗƚɛ : Ƨ ĎǰƑǋǁɛ üƑǕĎǰǁɛ

ƗöƕǴʅùơ!ƒ ƘǴƱùʅĂƙď!ƒ LJöùƕö (6) ýĂþùɳ!ƒĂ ÜǗőƑöƕ ǘďĂŋɟƨď (15) ĬǚƵ ýǴɳď!ƒ ƒŖŊ ĭĂƙơő

.ɭþơ ĬǚƵ ĎĂŋɟƨď ýǂ! ƗöƧǴőƶď!ƒ ƘǴ5ƒƧơljŰƒĂ

الجدول (6)

المتوسطات الحسابية والانحرافات المعيارية لمجال التربية البيئية مرتبة ترتيباً تنازلياً

الرقم	المجال	المتوسط الحسابي	الانحراف المعياري	ƐTNj βĭɠƨƗ ƕĭĎǉŰɛ
1	البحوث البيئية	4.43	.755	كبيرة
2	تبادل الأفكار حول البيئة	4.41	.752	كبيرة
3	مناهج التربية البيئية	4.29	.763	كبيرة
4	المشاركة بالأنشطة البيئية	4.28	.868	كبيرة
5	واقع التربية البيئية	4.26	.823	كبيرة
6a	المهارات البيئية	4.23	.839	كبيرة
6b	مستقبل التربية البيئية	4.23	.883	كبيرة
7a	كفايات التعامل مع البيئة	4.21	.816	كبيرة
7b	تقويم التربية البيئية	4.21	.830	كبيرة
8	فهم نظم البيئة الطبيعية	4.07	.812	كبيرة
9	وعي وطني بأهمية البيئة	4.04	.785	كبيرة
10	السلوك البيئي السليم	4.03	.874	كبيرة
11a	المعارف البيئية	3.99	.815	كبيرة
11b	القيم البيئية	3.99	.794	كبيرة
12	التكيف مع البيئة	3.93	.864	كبيرة

[illegible]

[illegible] .(4.43-3.93) [illegible]

[illegible] (4.43) [illegible]

[illegible] (4.41) [illegible] (0.755)

[illegible] (4.29) [illegible] (0.752)

[illegible] (3.99) [illegible] .(0.763)

(3.93) [illegible] (0.79) [illegible]

.(0.86) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (7) [illegible]

[illegible]

[illegible] :

الجدول (7)
المفاهيم البيئية المتضمنة في كتاب العلوم المطورة للصفوف (الرابع، والخامس، والسادس) للمرحلة الأساسية في ليبيا مرتبة تنازليا

[illegible]		[illegible]						[illegible]	[illegible]
		[illegible]		[illegible]		[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
%37.25	228	%2.02	5	%17.57	26	%90.78	197	[illegible]	1
%28.76	176	%26.72	66	%32.43	48	%28.57	62	[illegible]	2
%15.69	96	%6.50	16	%30.40	45	%16.13	35	[illegible]	3
%15.36	94	%25.91	64	%20.27	30	%0	0	[illegible]	4
%15.20	93	%19.03	47	%10.81	16	%13.82	30	[illegible]	5
%8.99	55	%8.91	22	%14.19	21	%5.53	12	[illegible]	6
%4.08	25	%4.05	10	%0	0	%6.91	15	[illegible]	7
%4.08	25	%8.91	22	%2.03	3	%0	0	[illegible]	8
%3.92	24	%9.71	24	%0	0	%0	0	[illegible]	9
%3.76	23	%1.21	3	%5.40	8	%5.53	12	[illegible]	10
%3.76	23	%7.28	18	%0	0	%2.30	5	[illegible]	11
%3.59	22	%8.91	22	%0	0	%0	0	[illegible]	12
%2.94	18	%0	0	%0.68	1	%7.83	17	[illegible]	13
%2.12	13	%5.26	13	%0	0	%0	0	[illegible]	14
%1.96	12	%4.86	12	%0	0	%0	0	[illegible]	15
%1.80	11	%2.43	6	%0	0	%2.30	5	[illegible]	16
%1.63	10	%1.62	4	%0	0	%2.76	6	[illegible]	17
%1.63	10	%4.05	10	%0	0	%0	0	[illegible]	18
%1.47	9	%3.64	9	%0	0	%0	0	[illegible]	19
%1.47	9	%3.64	9	%0	0	%0	0	[illegible]	20
%1.47	9	%2.83	7	%1.35	2	%0	0	[illegible]	21
%1.47	9	%3.23	8	%0	0	%0.46	1	[illegible]	22
%1.47	9	%3.64	9	%0	0	%0	0	[illegible]	23
%1.31	8	%3.23	8	%0	0	%0	0	[illegible]	24
%1.31	8	%3.23	8	%0	0	%0	0	[illegible]	25
%1.14	7	%2.83	7	%0	0	%0	0	[illegible]	26
%0.98	6	%2.02	5	%0	0	%0.46	1	[illegible]	27
%0.98	6	%0	0	%0	0	%2.76	6	[illegible]	28
%0.82	5	%2.02	5	%0	0	%0	0	[illegible]	29
%0.82	5	%1.21	3	%0	0	%0.92	2	[illegible]	30
%0.65	4	%1.62	4	%0	0	%0	0	[illegible]	31
%0.65	4	%1.62	4	%0	0	%0	0	[illegible]	32
%0.50	3	%1.21	3	%0	0	%0	0	[illegible]	33
%0.33	2	%0.81	2	%0	0	%0	0	[illegible]	34
%0.16	1	%0.40	1	%0	0	%0	0	[illegible]	35
%0.16	1	%0.40	1	%0	0	%0	0	[illegible]	36
%0	0	%0	0	%0	0	%0	0	[illegible]	37
%0	0	%0	0	%0	0	%0	0	[illegible]	38

[illegible]		[illegible]						[illegible]	[illegible]
[illegible]		[illegible]		[illegible]		[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
%0	0	%0	0	%0	0	%0	0	[illegible]	39
%0	0	%0	0	%0	0	%0	0	[illegible]	40
%0	0	%0	0	%0	0	%0	0	[illegible]	41
%0	0	%0	0	%0	0	%0	0	[illegible]	42
%0	0	%0	0	%0	0	%0	0	[illegible]	43
%0	0	%0	0	%0	0	%0	0	[illegible]	44
%0	0	%0	0	%0	0	%0	0	[illegible]	45
%0	0	%0	0	%0	0	%0	0	[illegible]	46
%0	0	%0	0	%0	0	%0	0	[illegible]	47
%0	0	%0	0	%0	0	%0	0	[illegible]	48
%0	0	%0	0	%0	0	%0	0	[illegible]	49
%0	0	%0	0	%0	0	%0	0	[illegible]	50
%0	0	%0	0	%0	0	%0	0	[illegible]	51
%0	0	%0	0	%0	0	%0	0	[illegible]	52
%0	0	%0	0	%0	0	%0	0	[illegible]	53
%0	0	%0	0	%0	0	%0	0	[illegible]	54
%0	0	%0	0	%0	0	%0	0	[illegible]	55
%0	0	%0	0	%0	0	%0	0	[illegible]	56
%0	0	%0	0	%0	0	%0	0	[illegible]	57
%0	0	%0	0	%0	0	%0	0	[illegible]	58
%0	0	%0	0	%0	0	%0	0	[illegible]	59
%0	0	%0	0	%0	0	%0	0	[illegible]	60
%0	0	%0	0	%0	0	%0	0	[illegible]	61
%0	0	%0	0	%0	0	%0	0	[illegible]	62
%0	0	%0	0	%0	0	%0	0	[illegible]	63
%0	0	%0	0	%0	0	%0	0	[illegible]	64
%0	0	%0	0	%0	0	%0	0	[illegible]	65
%0	0	%0	0	%0	0	%0	0	[illegible]	66
%0	0	%0	0	%0	0	%0	0	[illegible]	67
%0	0	%0	0	%0	0	%0	0	[illegible]	68
%0	0	%0	0	%0	0	%0	0	[illegible]	69
%0	0	%0	0	%0	0	%0	0	[illegible]	70
%0	0	%0	0	%0	0	%0	0	[illegible]	71
%0	0	%0	0	%0	0	%0	0	[illegible]	72
%0	0	%0	0	%0	0	%0	0	[illegible]	73
%0	0	%0	0	%0	0	%0	0	[illegible]	74
%0	0	%0	0	%0	0	%0	0	[illegible]	75
%0	0	%0	0	%0	0	%0	0	[illegible]	76
%0	0	%0	0	%0	0	%0	0	[illegible]	77
%0	0	%0	0	%0	0	%0	0	[illegible]	78
%0	0	%0	0	%0	0	%0	0	[illegible]	79
%0	0	%0	0	%0	0	%0	0	[illegible]	80
%0	0	%0	0	%0	0	%0	0	[illegible]	81
1063		457		200		406		[illegible]	

* [illegible] (217) [illegible] (148) [illegible] (247) [illegible] (612) [illegible]

Ǒù5 lƧĂƱdž!ƒ DžĂǁz!ƒ ƔǴkǂ Ǒ5 ǂǑƑǒ!ƒ DžǒNjǴdž!ƒ LJdž ǂƵĂdžɳdž ƥĂƧĂ (7) ýĂƥɳ!ƒ LJdž Ơưkǒ Ă

Ă (%0.16) LJǒǴùdž ƘùǴ ǂĂ ÜƥùɳǂưùƤLjdž ǴnjưùzĂ ÜǂkĂǴdž Ɣʅ ý ǂǂ ǂǒʅǴʅǕƒ ǂǁơƧdž!ƒ

NJùzkĂ Ü(%4.08) ǂʅùLj ƇǴùɳ ĭƦ!ƒĂ ÜĭƧƬ!ƒ ǂĂǁk!ƒ ƧƥǴƮdžĂ Üǂ Ăǁk!ƒ DžĂnjdž ýƛdž Ü(%4.08)

ƧùƤƈ Ĭù!ǫ ǕĂƮĂ ÜǂǁkƤdž Ɣʅ Ü(7) ýĂƥɳ!Ǵ ƠưĂdž ĂNj Ǵdžǂ ÜǴǒ!ƨǴk ǂkƧdž ăƧƤ ǂǒƑǒ DžǒNjǴdž

ǂʅùLj ƘǴùɳkLjdž!ƒ DžĂùnjdž Ă ÜǑǴǂʅù!ƒ ƧǴùɳǕƒ DžĂùnjdž ǑNjĂ ǂƵĂdžɳdž!ƒ ljƦNj ƔǒkƧk Ǒ5 DžǒNjǴdž

.(%0.16)

LJùdž ƥùǒƥz!ƒ LJǒdžưk ƔǴǒƩ ĬǁƵ ýƥk Ƙ ƒƧƬƋdž ǑƱzk ǂƮơǴ!ƒ lǴƒƧ!Ǵ5 Ü(7) ýĂƥɳǁ! ƳĂɳƧ!ǴĂ

LJùdž (ǴdžĂnjdž 45) %50 LJdž Ƨƛǂ ƔǴǒƩ ĭ ÝǂǒʅǴʅǕƒ ǂǁơƧdž!ƒ Ǒ5 DžĂǁz!ƒ Ɣkǂ Ǒ5 ǂǒƑǒ!ƒ DžǒNjǴdž!ƒ

LJĂùǂ ÝƦǒdžǘkǁ! ǴnjkǒdžNj ĬǁƵ Ǵǒǒ! Ǒ5 DžĂǁz!ƒ Ădžǁzdž ƥǂ Ǒk!ƒĂ ÜýǒǁơkƒĂ lƒƥ Ǒ5 lƥƧƒĂ!ƒ ǂǒƑǒ!ƒ DžǒNjǴdž!ƒ

.Ǒ!ǴzǕƒĂ ĭƧǴnjdž!ƒ LJǒǴɳ!Ǵ ǴdžnjƱǴkƧƒ LJdž ǴƿǘƱLjƒ ǂǒdžNj DžǒNjǴdž!ƒ Ƨƛǂ LJdž DžǒNjǴdž!ƒ ljƦNj

(Disinger, 1985; 2004 2012)

.Wilson, 1996

2012 ... 2011 ... 2010 ... 2003 (Al-Barakat & ... .Al-Karasenh, 2005; Stoehrel, 2010

(2007 ... 2004 ... 2003

[illegible] (2012 [illegible]

[illegible] 2003 [illegible] .(2004

[illegible]

[illegible] (Al-Barakat & Al- [illegible] Karasneh, 2005; Lee &William, 2006)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 2012 [illegible] 2010 [illegible] 2004 [illegible]

[illegible] (Lee &William, 2006 [illegible] 2012

[illegible]:

1. [illegible]

2. [illegible]

3. [illegible]

4. [illegible]

ꞁƑĭƬǋƗǁɛ

- ǍưƴƥǍƗǆƑƓǊƗǃǇǅƝǈǋƗǃƒƑǒƑǃƒǍǆƧưƧƗǓǍƒǇǉǆǈƗǃǏƒǘƗǃǊƦǃǇǅƦǉǕƘƗǃǏƒǏƗǓǏǈƗƍǍǁǇǊǃǋǆǈƑǃǇǈǋ

  .ƵǁǈǏǉ

- ƵǀƥƒǍƧƒƘƤƓƬƗ ǎǍƗǆƒǎƤǁƑǇǈǃƗǇƑǃƗǇǈǃǁƸƗƒǃǁƑƏǉƬƕǏǍǎƧƧǔǁǉǕǆǇƥƬǏǃƟƓǋǈǅƢƘƓǋǒƓǃǆǓǐǔǍ

  .ƗǏƑǃƒǇǈǋǆƏǆǃƒ

- ƒǃƘƧƗƨ ƵǁǏ ƒǃǈǆƏǋǃǈǏƑǃƒ ƗǁǃǇǈǃǆƑǇƒǃǇǈǃƧƘƨǄƗǃǈǏǇǉ ƗǁǃƏǉǆǈ ƗǃƘǄǈǏ.

- ƒǃƘƗǏ ƗǁǃƵ ƢǏƗ ƒǃǈƏǋǈƏǃǏƑǃ ǑƗ Ɣǆǃ ƗǁǃǇǈǃǇ ǖǕƤǍƒǃƗǇƬƗǇ ƒǃƘǃƧǈǇƓǃ ƒǃƬǏƗ.

- ƒǃǍƓǍƗǆǉǋǇƓǇƓǇǅǉǃƒǃǈǏǃǓǏǃƗƒǃƑƏǁƖƗǁǃǇǈǃǅǃǉǈƗƑǃƑǇǃǍƏǆǃƒǉǓǏ.

- ƒǁǏǎǉƗǈ ǃǈǍǆǆƥƓƑǇƛǈƧ ƗǃƗƓǋǆǃƒǇǈǋǃƗǈƧƗƒǃƗƑǏƑǃƗǕǄǈǏǃƗǍǆǉǋǃƥƘǍǋƓǎƗǃƒǉǈ

  .ƗǍǃǆƑǃƘǇǏǃǍǎ

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(ǇǚƑǦǂƨƐ)ƕƨƐƥǭǁƐ ƳƐǭǁ 5ĭǦƲǂǁ

جامعـــة اليرمـــوك
YARMOUK UNIVERSITY

كليــة التربيــة
مكتـــب العميـــد

الرقم: كـ ت/١٠٧/ ٤٢٥
التاريخ: ٢٣/ رجب / ١٤٣٤ هـ
الموافق: ٣/ أيار/ ٢٠١٣ م

إلى من يهمه الامر

الموضوع: تسهيل مهمة الطالبة مشرفة محمد محمد محجوب

تحية طيبة وبعد،،،،

تقوم الطالبة مشرفة محمد محمد محجوب، ورقمها الجامعي (٢٠١١٤٠٣٠٨٣)، بدراسة بعنوان "المفاهيم البيئية اللازمة لتلاميذ المرحلة الأساسية ومدى توافرها في كتب العلوم المطورة في ليبيا"؛ وذلك استكمالا لمتطلبات الحصول على درجة الماجستير في التربية، تخصص مناهج العلوم وأساليب تدريسها. ويستدعي ذلك تطبيق أداة الدراسة (استبانه) على عينة من معلمي العلوم في مدارس منطقة الجفرة في ليبيا.

ارجو التكرم بالاطلاع والموافقة على تسهيل مهمة الطالبة المذكورة أعلاه .

شاكرا لكم حسن تعاونكم مع الجامعة

وتفضلوا بقبول فائق الاحترام،،،

عميد كلية التربية
أ.د. امل الخصاونة

اربد - الأردن
Tel: + 962 - 2 - 7211111
فاكس: ٧٢١١١٩٩-٢-٩٦٢ +
Fax: + 962 - 2-7211199
Irbid - Jordan
تلفون: ٧٢١١١١١ - ٢ - ٩٦٢ +
E-mail: fac edu@yu.edu.jo http://www.yu.edu.jo

ملحق (4)

خطاب وزارة التربية والتعليم بمنطقة الجفرة بشان السماح للباحثة بتطبيق أداة الدراسة(استبانه)

الحكومة الليبية

وزارة التربية والتعليم

مكتب شؤون التربية والتعليم الجفرة

التاريخ 2013/9/10 م

الرقم الإشاري: ....

2/164

السادة/ مدراء مكاتب الخدمات التعليمية بلديات الجفرة

تحية طيبة وبعد

نظراً...لقيام الباحثة/ **مشرفة محمد محمد محجوب** ببحث ميداني تحت عنوان (**المفاهيم البيئية اللأزمه لتلاميذ المرحلة الأساسية ومدى توافرها في كتب العلوم المطورة في ليبيا**)

عليه...كلفت أن أخاطبكم بمساعدة المذكورة أعلاه في بحثها وذلك بتزويدها بالمعلومات والبيانات التي تخدم مجال البحث.

مع خالص الشكر والتقدير

تفضلوا بالأستلام

والسلام عليكم ورحمة الله وبركاته

أ/ إدريس محمد الدوكالي

مدير مكتب منسق شؤون التربية والتعليم

بمنطقة /الجفرة

المجلس الوطني الانتقالي - ليبيا - وزارة التربية والتعليم - مكتب منسق شؤون التربية والتعليم الجفرة

صورة إلى:-

/ الصادر العام .

كتبها/ ادريس ....2013/09/10...... ف . عقل

Mahjoob, Msharfa Mohammed Mohammed . Environmental Concepts Required for Primary Stage's Pupils and its Availability in the Developed Science Textbooks in Libya. Master Study, Yarmouk University, 2013.

(Supervisor: Prof. Ali Al Barakat).

Abstract

This study aimed to identify the environmental concepts which should be included in the primary science curricula, and to what extent these concepts were included in primary science textbooks. The Findings of the study idantified a list of environmental concepts from the primary stage teachers' views. In addition, content analysis was used to find out to what extent environmental concepts are available in the fourth, fifth, and sixth primary grades science textbooks. These instruments were checked for validity and reliability.

The analysis of data identified a list of environmental concepts, particularly the respondents of the study asserted that all environmental concepts are important to include in the primary science curricula. Moreover, the findings of content analysis revealed that most of the environmental concepts were not included in primary science textbooks. This gives an indication that there was variation in the distribution of environmental concepts in primary science textbooks.

Based on the findings of the study, a set of recommendations were introduced to develop science primary textbooks related to environmental concepts.